(1) பக்கங்களின் எண்ணிக்கை 46

(2) புதுக்கித் திருப்பிய நாள் 12/90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

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நாள் : 30.5.1893 198

23 sheets

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,000—15-6-87.

1432/1

COPIES OF

TESTIMONIALS

IN FAVOUR OF

WALTER GEORGE McMILLAN,

Fellow of the Chemical Society and of the Institute of Chemistry;
Member of the Institute of Mining and Metallurgy;
Chemist and Metallurgist to Her Majesty's Ordnance Factories, Cossipore, Calcutta;
Late Daniell Scholar, and afterwards Demonstrator of Metallurgy in King's College, London;
Author of "A Treatise on Electro-Metallurgy" (Griffin's "Scientific Text-books" Series, London.)

1932/2

TESTING DEPARTMENT.
H. M. COSSIPORE ORDNANCE FACTORIES,
CALCUTTA, 1893.

IN submitting copies of Testimonials from some of those with whom I have had the privilege of collaborating, I beg to append an outline sketch of my professional work in England and in India.

I am now (1893) thirty-two years of age, and was educated in King's College School, London. After leaving this school in 1877 and spending nine months in learning the business routine of an Accountant's Office, I joined the Chemical Department of King's College, which was then under the guidance of the late Professor Bloxam.

In 1880 I gained the Daniell Scholarship for Original Chemical Research in this Institution, and was invited to assist in teaching the Practical Chemistry classes in King's College, and also to give a short course of lectures on Chemistry to the ladies' classes during the illness of the lecturer. In October of the same year I accepted the duties of Demonstrator in Chemistry to Professor J. M. Thomson at Queen's College, London.

In January 1882 I became Principal Private Assistant to Professor A. K. Huntington in the Metallurgical Department of King's College, and in 1883 was elected by the Council of the College to the Demonstratorship of Metallurgy. In this position I remained until I accepted my present appointment—that of Chemist and Metallurgist to Her Majesty's Cossipore Ordnance Factories. For the last three years of my connection with King's College, I acted as Honorary Secretary to the Evening Class Board of Lecturers.

As Demonstrator of Metallurgy, I had charge of the Metallurgical Laboratories, and was daily engaged in instructing students in the various branches of practical Metallurgy and Metallurgical Chemistry, and in assisting Professor Huntington both in research work, and in his private practice. The lectures upon Metallurgy and Fuel, and the practical Laboratory Class in the evening were both left in my charge; and during my last two years I gave courses of lectures upon Iron and Steel, especially arranged for architects and engineers; and took a part in the King's College Extension Lectures scheme, giving several courses of lectures to working men and other students in the suburbs of London. I was in the habit, also, of giving many isolated lectures and papers to various audiences.

During this time I was (from 1883 to 1888) a member of the staff of the *Journal of the Society of Chemical Industry*, and in this capacity was engaged in preparing abstracts of papers from English, French and German scientific and technical journals, and from patent specifications, for publication in the journal of that Society.

At the end of 1888 I sailed to India to take up my present duties under a five years' agreement with Government, which will expire this year.

As the first occupant of the post which I came to fill, the whole of the internal design and equipment of a Laboratory, and the organisation of the work of the Testing Department devolved upon me. From that time, working without skilled assistance, I have been alone responsible for the whole of the Chemical and Mechanical testing of the Factory; and my duties have comprised the numerous and varied investigations, analyses and tests which daily arise out of the work of a large Ordnance Factory, in connection both with manufacture and with the receipt of miscellaneous stores. The introduction of a Department for the manufacture of steel by the Siemens' open-hearth process, in the beginning of 1892, has added greatly to the volume and responsibility of my work, more especially as the undertaking was a new experiment in India, and suitable raw materials and "refractories" had to be sought for locally. In addition to the work incidental to this Factory, many investigations and tests have been made for other Ordnance Factories and Arsenals in the Country; and one Report upon a series of tests of Cawnpore and English leather, made for the Government Harness and Saddlery Factory, has been published *in extenso* by Government.

Among other miscellaneous work, I was asked to initiate a Department of Electro-plating, principally for the electro-nickeling of portions of gun-fittings.

In 1892 I was appointed by Government to be a Member and Secretary of a Committee, with the Director-General of Ordnance as President, which received instructions to draw up specifications to control the purchase of Ordnance stores locally by the Arsenals throughout India.

Since February 1891, I have, in addition to my ordinary work, undertaken the duties of an Examiner in Chemistry for the M. A., B. A. and First Arts Examinations in the University of Calcutta; and since April in the same year I have been a Municipal Commissioner in the Municipality of Cossipore and Chitpore, the principal manufacturing suburb of Calcutta to which office I was appointed by the Local Government, and in this capacity have served upon the Sanitary, Education, Water-supply, Finance and other Sub-Committees.

In 1881 I was elected a Fellow of the Chemical Society, in 1887 I became a Fellow of the Institute of Chemistry, and in 1891 a Member of the Institute of Mining and Metallurgy.

In 1899 at the invitation of Messrs. Charles Griffin & Co., of London, I contributed to their "Scientific Text-book" Series a "Treatise on Electro-metallurgy", in which the application of electrolysis to the plating, depositing, smelting and refining of various metals, and to the reproduction of printing surfaces and art work, are dealt with at length from a practical technological standpoint.

I have thus had the good fortune to be able to combine a technical with an academical and literary experience in both Chemistry and Metallurgy, testimonials concerning which I have arranged in the following pages in an order representing, as far as possible, chronologically, the periods to which they refer.

WALTER G. McMILLAN.

1432/R 3)

Alphabetical Index to Testimonials.

PAGE.

GROVES, PROFESSOR J. W., F.L.S.,
Dean of the Evening Class Depatrment, King's College, London 9

HARTLEY, PROFESSOR W. N., F.R.S., F.C.S. &C.,
Professor of Chemistry in the Royal College of Science, Ireland 11

HUNTINGTON, PROFESSOR A. K., A.R.S.M., F.I.C., &C.,
Professor of Metallurgy in King's College, London 6

MAHON, CAPTAIN R., ROYAL ARTILLERY, MEMBER OF THE IRON AND STEEL INST., &C.,
Superintendent of the Cossipore Ordnance Factories 15

PEDLER, PROFESSOR A., F.R.S., F.C.S., &C.,
Professor of Chemistry in the Presidency College, Calcutta 16

ROBINSON, PROFESSOR H., M.I.C.E., F.G.S., &C.,
Dean of the Applied Science Department, King's College, London 7

SMITH, WATSON, ESQ., F.C.S., &C.,
Editor of the Journal of the Society of Chemical Industry 10

STANDBRIDGE, LIEUTENANT-COLONEL E. B., ROYAL ARTILLERY,
Late Superintendent of the Cossipore Foundry and Shell Factory 14

THOMSON, PROFESSOR J. M., F.R.S.E., SECV. C.S.,
Professor of Chemistry in King's College, London 5

WACE, THE REVEREND PREBENDARY H., D.D.,
Principal of King's College, London 4

WACE, LIEUTENANT-COLONEL R., ROYAL ARTILLERY,
Deputy Director-General of Ordnance in India 13

WALKER, MAJOR-GENERAL A., ROYAL ARTILLERY, F.C.S.,
Director-General of Ordnance in India 12

WARDEN, SURGEON-MAJOR C. J. N., M.D.,
Professor of Chemistry in the Medical College, Calcutta, and Chemical Examiner to the Government of Bengal 17

WILTSHIRE, THE REVEREND T., M.A., F.G.S., &C.,
Formerly Dean of the Evening Class Department in King's College, London 8

2432/4

FROM

THE REVEREND HENRY WACE, D.D.,

Principal of King's College, London;

Preacher of Lincoln's Inn; Prebendary of Saint Paul's;

Honorary Chaplain to the Queen, and Chaplain to the Archbishop of Canterbury.

KING'S COLLEGE, LONDON,

28th November, 1888.

I HAVE great pleasure in bearing testimony on behalf of this College to the grateful and honourable regard in which we shall hold the services of Mr. W. G. McMILLAN, which to our great regret, we are about to lose. After a distinguished career as a student in the School and College, he commenced to teach in 1880 in our Chemical Laboratory. In 1882 he was appointed to act as Demonstrator to the Professor of Metallurgy, and he has held that office up to the present time. In 1886 and 1887 he gave two courses of University Lectures at King's College on Iron and Steel, and from 1886 to 1888 he gave courses of King's College Extension Lectures at Harefield, Bermondsey and Hanworth. From 1882 to 1888 he took the whole of the work with our Evening Classes in the Metallurgical Department, including both lectures and practical instruction, and he also took charge of the Metallurgical Laboratory during the day. From 1885 to 1888 he also acted as Honorary Secretary to our Evening Class Board.

In all these duties Mr. McMILLAN'S services have been invaluable. He has been an able and devoted teacher, commanding the confidence of his class by his character as well as by his knowledge. His energy, time and sympathy have always been at the service of the College for any cause in which he could help it; and I cannot thank him sufficiently for his constant zeal, thoughtfulness and unselfishness as a colleague. He is in all respects a teacher of the highest capacities.

HENRY WACE, D.D.

2232/2 (5)

FROM

PROFESSOR JOHN M. THOMSON, F.R.S.E., F.C.S., F.I.C.,
Professor of Chemistry in King's College, London, and Secretary to the Chemical Society.

CHEMICAL DEPARTMENT,
KING'S COLLEGE, LONDON;
November 28th, 1888.

I HAVE very great pleasure in bearing testimony to the scientific qualifications of Mr. W. G. MCMILLAN, whose career I have had many opportunities of watching for several years.

I first became acquainted with Mr. MCMILLAN when he was in King's College School, attending my lectures in Chemistry for the London University Matriculation Class. After finishing that course he became a student in the Chemical Laboratory, and passed through a very thorough training in Practical and Theoretical Chemistry in that Department. At the close of his study in the Laboratory he was awarded the "Daniell Scholarship," which is given by the College for original research in some branch of Chemistry carried out in the Laboratory.

So high was my opinion of Mr. MCMILLAN's energy and capabilities, that I asked him to assist me in my teaching work at Queen's College, which he did for some time with great success. He was also asked by the late Professor Bloxam and myself to assist in the teaching of the Practical Classes in this College, giving perfect satisfaction to us both.

Mr. MCMILLAN has delivered courses of lectures both systematic and popular, and on the many occasions when I have had the pleasure of hearing him, I have been struck by the great amount of care taken in the arrangement of his subject-matter and his clear methods of exposition. In connection with his work for the Daniell Scholarship, and his advanced work in the Laboratory, I have always been highly pleased with his ingenuity in devising methods for overcoming difficulties encountered in his analytical work.

The interest Mr. MCMILLAN takes in other subjects outside his own particular professional work and his pleasant manner have made him as a member of the College Staff an agreeable colleague and a valued friend. MR. MCMILLAN's departure from the College will be felt not only by his colleagues, but also by the students, for whom he has done so much in matters outside the purely educational work.

JOHN M. THOMSON, F.R.S.E.,
Secretary, C. S.

1932/2

From
Professor A. K. HUNTINGTON, A.R.S.M., F.C.S., F.I.C.,
Professor of Metallurgy in King's College, London, and Lecturer on Metallurgy to the Medical School of the Dental Hospital of London.

Metallurgical Laboratory,
King's College, Strand, London, W.C.;
26th November, 1888.

Mr. W. G. McMillan came to me as an Assistant in January 1882, and in July 1883 he was appointed Demonstrator, which appointment he continued to hold until August last (1888).

Mr. McMillan's duties included taking charge of the Laboratory during the day time and for one evening a week, and giving the lectures to the Evening Classes on Metallurgy and Fuel. For two years he gave a special Evening Course designed for Engineers and Architects, and at various times he undertook "University Extension Lectures," &c., with much success. He also assisted me with much ability in carrying out various investigations.

I have always found Mr. McMillan quietly self-possessed and courteous to all, and in all he did thoroughly conscientious and capable. In addition to a special knowledge of Metallurgy and Chemistry he has an extensive knowledge of cognate subjects.

These social and intellectual qualities, so happily combined would make Mr. McMillan a most valuable acquisition to the Staff of any College.

A. K. HUNTINGTON.

14832/8

From

Professor HENRY ROBINSON, M. INST. C.E., F.G.S., F.R.G.S.,
Professor of Civil Engineering, and Dean of the Department of Engineering and the Applied Sciences,
King's College, London.

London;
29th June, 1888.

It affords me much pleasure to express my high appreciation of the technical and teaching ability of my colleague, Mr. Walter G. McMillan, the Demonstrator in Metallurgy, at King's College, London. As he is about to proceed to India, I desire to place my opinion on record, and to add that I feel confident of his success in the new field of work which he is about to enter upon. Besides his skill in his own special subjects, he has proved a valuable coadjutor in all matters affecting the welfare of the College, and that aptitude for work of a varied character, both literary and otherwise, will render him an acquisition in any technical or educational work which he may undertake.

HENRY ROBINSON, M. INST. C.E., F.G.S., F.R.G.S.

FROM

THE REVEREND THOMAS WILTSHIRE, M. A.,

Professor of Geology and Mineralogy, and formerly Dean of the Evening Class Department, King's College, London, and Treasurer of the Geological Society of London.

LONDON:

20th October, 1888.

DEAR MR. MCMILLAN,

You mentioned to me some time since that you proposed leaving England for an appointment abroad, and you stated that you would be glad if I could give you my opinion of your work at King's College.

In answer to your wish I may say that I noticed during the period you were Demonstrator in the Metallurgical Laboratory attached to King's College, that you were very earnest in your attention to the requirements of the students under your charge; moreover I was informed that your class greatly appreciated your very profitable instruction.

I may add that on the occasion when I had the pleasure of hearing you read a paper at the Society of Arts, I was impressed by the excellence of the subject-matter and by the power you possessed of holding the attention of your audience.

Wishing you all success,

I remain,

Yours very truly,

THOMAS WILTSHIRE.

From

Professor J. W. GROVES, F.L.S.,

Dean of the Evening Class Department, and Professor of Botany in King's College, London.

King's College,

Strand, London, W. C.;

July 21st, 1888.

My friend and colleague, Mr. Walter G. McMillan, having asked me if I would give him a testimonial, it is with the mixed feelings of the greatest pleasure and the deepest regret that I do so. I am pleased if by so doing I may be able to render him any service, whilst I regret extremely that he is leaving us.

Mr. Walter G. McMillan is one of the few men who will not undertake to do anything unless he is thoroughly fitted to do it, and, moreover, into whatever he does undertake, he throws a rare energy and interest.

In this College he has been a most efficient Demonstrator of Metallurgy, and as Secretary to the Evening Class Board, his tact, unremitting energy and careful thoughtful work have been invaluable. During the whole of the time that he has held this office he has been ever on the alert to improve the Department, and thereby benefit the College.

When recently he tendered his resignation to the Board, it was accepted only with the deepest regret, as we feel that by his leaving us, we are losing a most valuable, valued and highly esteemed colleague and friend.

Speaking for the Board, I feel that I am not saying too much, when I say that both collectively and individually we shall always esteem it a privilege and pleasure if we can do aught to favour Mr. McMillan's interests.

J. W. GROVES,

Dean of the Evening Class Department.

1032/11

FROM

WATSON SMITH, ESQ., F.I.C., F.C.S.,

Lecturer on Applied Chemistry in University College, London;

Editor of the "Journal of the Society of Chemical Industry,"

and late Lecturer in Chemical Technology in the Owen's College, Manchester,

and Lecturer of the Victoria University.

SOCIETY OF CHEMICAL INDUSTRY,

EDITOR'S DEPARTMENT;

14th September, 1888.

I BEG with great pleasure, to testify that Mr. W. G. MCMILLAN has been an abstractor from foreign and other sources of matter not only concerning Metallurgy but General Applied Chemistry, for the Journal of this Society, during five years. He has thus been with us from the very birth of the Journal, which now enjoys the reputation of taking the first place in the world in Technical Chemistry. Whatever class of work Mr. MCMILLAN undertook, he produced the best results, his Chemistry and his English composition and style being beyond reproach. I am as Editor very sorry indeed to lose such services as his after our long connection, and despair of replacing him by any one man. He is one of the very best of our abstractors, and we can ill-afford to lose him. Wishing him the prosperity he deserves in his new sphere.

I sign myself,

WATSON SMITH,

Editor of the Journal.

1888
12

FROM

PROFESSOR W. N. HARTLEY, F.R.S., F.I.C., F.C.S., &c.,

Professor of Chemistry and of Applied Chemistry in the Royal College of Science for Ireland.

ROYAL COLLEGE OF SCIENCE FOR IRELAND,
STEPHEN'S GREEN, DUBLIN;
9th June, 1888.

I HAVE known Mr. W. G. McMILLAN for the last ten or twelve years, and entertain the greatest possible regard for him personally.

I can testify to his thorough competence to take charge of any Chemical or Metallurgical Laboratory whether in a technical or teaching institution.

He is a most painstaking and careful teacher. Latterly he has devoted much time and attention to technical matters, and has contributed a most valuable paper to the Journal of the Society of Arts on Appliances for economising fuel. I have had occasion to consult this paper, and am of opinion that it is the best contribution to our knowledge of the subject which has recently been published. I wish him every success.

W. N. HARTLEY, F.R.S.

1932/14 [12]

From

Major-General A. WALKER, R.A.,

Director-General of Ordnance in India,

Fellow of the Chemical Society, London.

Military Department,

Calcutta;

7th March 1893.

I first became acquainted with Mr. W. G. McMillan in 1879, when he was a student in the Chemical Department of King's College, London.

I worked in the Laboratory of King's College daily for about 15 months (1879—1880) and was much struck with Mr. McMillan's ability and skill as a youpg student of Chemistry.

I formed a very high opinion of his talents, and considered that he was a youth of much promise and grit. This was confirmed by his gaining in 1880 the Daniell Scholarship for Original Chemical Research.

As Director General of Ordnance in India, I have been much pleased with the way in which he has performed his duties as Chemist and Metallurgist at the Foundry and Shell Factory, Cossipore.

I am much indebted to him for an able report upon a series of tests of Cawnpore and English leather that was prepared by him. This is the first report of the kind that has ever been submitted to the Government of India.

For the past four months Mr. McMillan has given me great assistance as a Member and Secretary of a Committee to draw up specifications to control the purchase of Ordnance Stores locally by the Arsenals throughout India. The whole of the specifications giving the Chemical and Physical tests of Ordnance Stores obtained locally have been drawn up by him in a most satisfactory manner. This was a very difficult task, inasmuch as tests had to be devised of a simple and rapid nature in order that Ordnance Officers who are not trained Chemists might be able to carry them out.

I regret that I am unable to retain Mr. McMillan's services in the Department, because, unfortunately I have no post sufficiently well-paid to retain the services of such an able and experienced Chemist and Metallurgist. His talents and abilities deserve a wider scope and higher remuneration than can under present circumstances be given to him in the Ordnance Department of India.

A. WALKER, Major-General,

Director-General of Ordnance in India.

FROM

LIEUTENANT COLONEL R. WACE, R. A.,
Deputy Director-General of Ordnance in India;
Late Superintendent of the Cossipore Foundry and Shell Factory.

SIMLA;
27th January, 1893.

MR WALTER G. McMILLAN joined the Foundry and Shell Factory at Cossipore while I was Superintendent, and designed the Metallurgical Laboratory and its fittings, both Chemical and Mechanical.

The Laboratory is the first of its kind under the Ordnance Department in India, and already its operations have been varied and most useful. I consider that this success has been due to the ability and energy with which Mr. McMILLAN inaugurated the work, his thorough knowledge of Chemical Science and his devotion to duty.

I wish also to acknowledge the good influence he has always exercised on those among whom his lot has been cast in India.

R. WACE, LIEUTENANT-COLONEL,
Deputy Director-General of Ordnance in India.

1432/25

FROM

LIEUTENANT-COLONEL E. B. STANDBRIDGE, R.A.,
Superintendent of the Gun Carriage Factory, Fatehgarh;
Late Superintendent of the Foundry and Shell Factory, Cossipore.

FATEHGARH;
14th January, 1893.

MR. WALTER G. McMILLAN worked under me for nearly two years as Chemist and Metallurgist when I was Superintendent of the Foundry and Shell Factory at Cossipore; and I have much pleasure in testifying to the very able manner in which he carried on the various duties assigned to him. He was constantly employed in making analyses of various alloys and mixtures of metals, also in chemically testing oils and other materials supplied by contractors to the Factory.

He also had to carry out mechanical tests of specimens of iron, steel, bronze or other metals submitted for examination. He also carried out a series of tests of specimens of leather prepared in India, in comparison with specimens of leather prepared in England, and drew up an exhaustive report on the subject.

In the conduct of all these duties he displayed abilities of a high order, and executed the work in a very thorough and conscientious manner. I can, with the utmost confidence, recommend him for any post requiring at once technical skill and careful and methodical arrangement of work combined with diligence in execution.

During the time I was at Cossipore, he also very successfully initiated and brought into good working order a department for electro-plating with nickel.

E. B. STANDBRIDGE, LIEUT.-COL., R.A.,
Superintendent, Gun Carriage Factory.

1682/1815)

FROM

CAPTAIN R. MAHON, R. A.,

Superintendent of Her Majesty's Cossipore Ordnance Factories (late Foundry and Shell Factory),

Member of the Iron and Steel Institute, and of the Institute of Mechanical Engineers.

COSSIPORE, CALCUTTA;

February 8th, 1893.

I CERTIFY that Mr. W. G. McMILLAN has held the appointment of Chemist and Metallurgist at Her Majesty's Ordnance Factories at this place. Mr. McMILLAN, to my regret, is unable to continue in the appointment on the termination of his agreement, as he does not consider the terms of the service sufficiently attractive.

Mr. McMILLAN's duties have been of a very varied character, and his services have been very valuable owing to the general character of his resources and knowledge of science.

As an analyst of the various and important copper alloys which form a principal part of the large cartridge metal works here, Mr. McMILLAN has rendered good service.

In his report on the comparative value of Indian and European leather, Mr. McMILLAN has performed a laborious and careful research; the report, printed by order of the Government, giving testimony to this.

The successful initiation of the difficult manufacture of steel in this country owes much to the careful analyses performed by the Chemist's Department of the daily charge, and of the very varied materials required not only in the charge but in the erection of the furnaces and their appurtenances.

In my endeavours to promote manufacture of iron from indigenous material, Mr. McMILLAN's reports on the coals, limestones and ores obtainable have been of great value.

Various other tests—as of lubricators, cements, bricks and all the sundries forming items daily used in a large manufactory have been tested and reported upon by the Chemist's Department.

In these and many other analogous duties, Mr. McMILLAN has given me complete satisfaction, and I trust that he will succeed in obtaining employment of a suitable nature in England.

R. MAHON, CAPTAIN, R. A.,

Superintendent, Cossipore Ordnance Factories.

1232/G

From

Professor ALEXANDER PEDLER, F.R.S., F.C.S., &c.,

Professor of Chemistry in the Presidency College, Calcutta,

and Meteorological Reporter to the Government of Bengal.

Presidency College,
Calcutta, India;
2nd February, 1893.

My dear McMillan,

It gives me great pleasure to have an opportunity of expressing the very high opinion I have formed of your work since you came to India. I do not know that I have ever seen more conscientious or better work than you have done, and at the same time it has been of so varied a character that, in a place like India, where appliances and help are difficult to procure, it has required great inventiveness and much personal energy to carry it through, and this too in a climate which is so extremely trying to Europeans.

It has been my good fortune to be a fellow examiner with you in the Examinations of the Calcutta University, while you have also used my laboratory for conducting the Practical Examinations in Chemistry for the same University; and here also I can bear testimony to the excellence of your work, and to the thorough manner in which you carried out the duties of Examiner.

I am writing, as you see, principally of your work as a Chemist, for it is in this subject only I feel qualified to judge of your work, but so far as I am able to see from your work on Electro-Metallurgy ("Treatise on Electro-metallurgy") you must be equally competent as a Metallurgist.

I have, therefore, not the slightest hesitation in saying that I consider you extremely well qualified to take up any post requiring a thorough knowledge of theoretical and practical Chemistry and probably also of Metallurgy.

Yours very sincerely,

ALEXANDER PEDLER.

Ve32
18(17)

FROM

SURGEON-MAJOR C. J. N. WARDEN, M.D., F.C.S., &C.,

Professor of Chemistry in the Medical College, Calcutta,

and Chemical Examiner to the Government of Bengal.

CALCUTTA;

3rd February, 1893.

I HAVE known Mr. WALTER G. MCMILLAN since his arrival in India—a period of over four years. As an analyst Mr. MCMILLAN is a very careful and skilful operator, he has a thorough knowledge of General Chemistry, and he is necessarily, from the nature of his appointment under Government, specially well up in Metallurgy. I feel certain that any investigation or chemical work which Mr. MCMILLAN might undertake would be conscientiously and carefully worked out.

Mr. MCMILLAN has been associated with me in conducting the higher examinations in Chemistry of the Calcutta University.

C. J. N. WARDEN, M.D.

from the Madras

FOR ORDERS.

It will be seen from the letter of the Government of India disposed of by G.O. 675 W. d/11 March 1893 that it is in contemplation to depute Mr. Holland next cold season to make a more extensive survey of the Corundum beds in Southern India. Mr Holland's work will probably consist in prospecting for minerals, and if Corundum or other minerals are found to exist in sufficient abundance, Mr. Holland would probably be able to advise as to the best

means of extracting the ore.

It would perhaps be well if the investigation is conducted next cold season by Mr Holland and Mr MacMillan Conjointly.

JH
18.5.93

W.

If Mr Holland require assistance of the kind it is for the Mining & Geological department to apply to India for Mr MacMillan's services. We have nothing to do with Mr Holland's work.

I would thank the persons, as we have no Employment for Mr MacMillan

Nes
19 May

R. NS 25/5/93

1232/92

An Employment which would suit my client for Mr. MacMillan, i.e. an investigation into the supply of Corundum which may be available in S. India with reference to Mr. Chester's project for the manufacture of Aluminium by electricity, by means of power to drive the dynamos being Persian water-

Being anxious to get as quickly to work as possible to obtain my first profits, I am anxious to be able to work some other material, for the manufacture of Spirits, till power is obtained from the

means of extracting the ore.

It would perhaps be well if the investigation is conducted next Cold Season by Mr Holland and Mr MacMillan Conjointly.

JH
18.5.93

P.W.D.
18/5/93

If Mr Holland require assistance of the kind it is for the head of the Geological department to apply to India for Mr MacMillan's services. We have nothing to do with Mr Holland's work.

I would remark, for your information, that we have no employment for Mr MacMillan

Rec'd
15 May

Persian inscriptions
might be considered
Etc. Etc. Etc.

OZM
13.5.93

Pte 20 Dec Conf. Min
for Copy of Inscriptions
& Mr. Holland regarding
Corundum deposits in Salem
District

If such a report has been made to us either in the Secretary's office or in a report by the Superintendent of the Survey of the Geological Department, it should be sent to us for information. If not, we should request Mr. Holland to make a report on the subject.

JH
13.5.93

Official papers
15 May 93

W The papers on the subject have not been received from Madras. It will be seen from India Office letter received with Mr. Ilbert's Memo of 15th inst. that it is contemplated to depute Mr. Holland next cold season to make a more exhaustive Survey of the Corundum beds in Southern India.

AS
15/5/93

Mr. MS 25/5
18/5

I agree with Mr. Holland that the employment of a second expert would be more than compensated by the saving effected in the cost of corundum which might be raised & exported. I take it that Mr. Holland will ascertain what amount can be economically & profitably extracted & other minerals are found to exist in different localities & under what conditions they occur. Mr. Macmillan might be retained to report on these matters, & to assist in the survey in such manner as may be thought most advantageous. The Persian inscriptions might be considered by Mr. Holland in connection with the Persian work in which he is engaged.

If we can obtain the services of both Mr. H & Mr. M. simultaneously the matter could be carried through in one cold season.

JH
17.5.93

No. 3116.
Government of Madras.
Military Department
Dated the 12th May 1893.

Ordnance Dept.
Establishments

It is requested that the above heading, with number and date of this communication, may be quoted in any subsequent correspondence on this subject.

No. 1646-D.

GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

1932
/27

Simla, the 21st April 1893.

To

THE HOME DEPARTMENT.
THE REVENUE AND AGRICULTURAL DEPARTMENT.
THE SECRETARY TO THE GOVERNMENT OF ~~Madras~~ / Bombay,
Military Department.
THE SECRETARY TO THE GOVERNMENT OF BENGAL.
THE SECRETARY TO THE GOVERNMENT OF THE NORTH-WESTERN PROVINCES AND OUDH.
THE SECRETARY TO THE GOVERNMENT OF THE PUNJAB.
THE SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

SIR,

~~The undersigned is~~ / I am directed to forward the accompanying six copies of testimonials in favor of Mr. W. G. McMillan, Chemist and Metallurgist, Foundry and Shell Factory, Cossipore, whose tenure of service with the Government of India will expire in December next, and to state, (for the information of ~~His Excellency the Governor in Council~~ / ~~His Honor the Lieutenant-Governor~~), that if the services of a Chemist and Metallurgist, with the high attainments possessed by Mr. McMillan, are required, his transfer may be applied for.

I am, &c.,

(Sd.) E. DEBRATH,

Asst. Secy. to the Govt. of India.

COPY forwarded to—

The Director-General of Ordnance in India, for information, with reference to his letter No. 470-E, dated 13th April 1893.

G. C. Press, Simla.—No. 219 M. D.—25-4-93.—88.

Order. Communicated to the Departments of the Secretariat for favor of information as to whether the services of Mr. McMillan are required.

/True Extract/

Bl Genl

Secretary to Government

To

The Public Department,
with a copy of Mr McMillan's testimonials.
" Revenue Department with —— do ——
" Public Works Deptt with —— do ——

RECEIVED
MAY 93

Pub. Works. CURRENT No. 4027

~~MILITARY~~ (1893) DEPARTMENT.

Former papers.

Current Number

1632/B3

From

THE Military Department

No. 1432 W & of 30 May 1893

Dated . May/93.

Received — 25.5.93

Registered

Reed. by Ref. Dept.

Disposed of by do.

1 ENCLOSURE

P.G., No. , dated

Recorded with the
Recorded with the remark that no employment is available for Mr. Mc Millan in the P.W. Dept.

No. 8757 W & 11-3-93
10809 6-5-93
1663 C & 10-4-93
390/A C & 28-1-93
5456 C & 22-12-92
3472-30 C & 30-12-92
4467 C & 18-10-92

Null
20.5.93

30-5-93

To the Military Dept.

To the Military Dept.

DESPATCHED

Copy letter from the Govt's Dr. D. forwarding testimonials of Mr. McMillan, Chemist & Metallurgist, Foundry & Shell Factory, Coforfire, whose terms of service with that Govt will expire in Dec. next, & enquiring whether his services are required by the Madras Govt.

Old 2.5/5 D. C. 2/01

For the C-A